SOUVENIR

Published on the ocassion of 40th Annual Conference of

ALL INDIA SCIENCE TEACHERS' ASSOCIATION

Venue : David Hare Training College
25/3, Ballygunge Circular Road, Kolkata - 700 019

–: Office Address : –
62E, Vivekananda Sarani, Kolkata - 700 078

Programme

27th December, 2005, Tuesday

9 a.m.	:	Registration
10.00 a.m.	:	Inauguration
	:	Welcome Address : **Dr. K. K. De**
	:	Introductory Remarks : **Dr. N. R. Banerjea**
	:	Inaugural Address : **Dr. Sujan Chakraborty, M.P.**
	:	Secretary's Report : **Dr. M. M. Chel**
	:	Chief Guest : **Dr. R. N. De**
	:	**Special Guest : Dr. Aditi Ghosh**
	:	Presidential Address : **Dr. S. N. Giri**
	:	Vote of Thanks : **Sri Santosh Mitra**
11.15 a.m.	:	Tea Break
11.30 a.m.	:	Joshi Memorial Address : **Prof. Niva Nandi,** Officer in Charge, Institute of Education for Women
12.00 noon	:	Discussion on Focal Theme
	:	Lead Speaker : **Dr. Samar Jana**
	:	Dept. of Physics, Bengal Eng. & Sc. University
1 p.m.	:	Lunch Break
2 p.m.	:	Discussion on Focal Theme Contd.
3 p.m.	:	Paper Presentation Session - I
4 p.m.	:	Tea Break
4.15 p.m.	:	Paper Presentation Session - II
5 p.m.	:	IYP, 2005 Show by BITM

28th December, 2005, Wednesday

10 a.m.	:	Krishnan Memorial Lecture : **Prof. Ashoke Ranjan Thakur** Vice Chancellor, West Bengal University of Technology
10.30 a.m.	:	Talk by **Prof. Sariful Alam**, Dept. of Math, Bengal Engineering College
11.00 a.m.	:	A Programme by INTEL Collaborated by **'Pragati'** Co-ordinator : **Sharmistha Bhattacharya**
11.45 a.m.	:	Seminar organised by SCERT, W.B. : **'Scientific Literacy for Masses - a critical appraisal'** : Lead Speaker: **Prof. J. P. Ghosh**
1 p.m.	:	Lunch
2 p.m.	:	Review of activities of AISTA
3 p.m.	:	Plenary Session
3.30 p.m.	:	Business Session
4 p.m.	:	Valedictory Session **Prof. Ujjwal Basu**, President, W.B.B.S.E. **Dr. Jyotirmoy Mukherjee**, Chairman, Rabindra Mukta Vidyalaya
5 p.m.	:	Cultural Programme : Folk Songs and dance

Contents :



अध्यक्ष, लोक सभा
SPEAKER, LOK SABHA

No. HS/ RR/ M – 90/ 2005/ 6780 · December 1, 2005

Message

I am happy to learn that All India Science Teachers' Association is holding its Annual Conference on 26 & 27 December, 2005 on a theme - 'Improvement of teaching Physical Sciences' in observance of International year of Physics this year, at David Hare Training College, Kolkata including publication of a souvenir to mark this occasion.

I extend my good wishes for the success of the Conference and I particularly convey my felicitations and best wishes to the participants.

Somnath Chatterjee
(Somnath Chatterjee)

Presidential Address

S.N. Giri

Respected guests, dear delegates of our state and other states, ladies and gentlemen

This is my proud privilege to welcome you all in this city of joy, Kolkata, to day, at David Hare Training College, which is a pioneering teacher training institution in India. We are happy to announce that ours is the oldest Science Teachers' Association of India, which was started in 1956. We gratefully remember the contribution of deceased personalities, Prof. Krishnan, Prof. Joshi, Prof. Wanchu, Prof. A. N. Ghosh, Principal Mrinalini Dasgupta, Smt. Rama Gupta, Sm. Anima Bose, Dr. Bireswar Raychoudhuri and others for their valuable contribution for the uplift of AISTA. Golden Jubilee year has begun this year and celebration will be held next year. Due to different reasons, Annual Conferences were not held in several years . Hence , we are holding the 4oth Annual Conference in the fifty years of its existence. AISTA has a glorious past. It is continuing useful activities of science teaching and expects to proceed further in this direction.

Science teaching can be useful and fruitful if and only if the students learn the subject with surprise, excitement, inspiration and enthusiasm. A large number of seminars, symposia and workshops have been organized in different parts of the country. AISTA has witnessed a wide range of programmes in the last annual conferences at Patiala, Nagpur and Patna. In 1999, AISTA Annual conference was held at Kolkata where a large number of dignitaries attended and participated. The focal themes of these conferences were 'innovative teaching', 'creativity in learning', 'sustainability in science education', 'scientific and technological awareness' and other important areas of science teaching.

The year 2005 has been marked as the International Year of Physics, 2005 (IYP, 2005). Keeping in tune of this, the focal theme of this year's conference is 'Improvement of Teaching Physical Sciences'. Teaching of science is becoming more interdisciplinary in nature and hence, we hope, the deliberations would help the teachers of physics, chemistry, life science and mathematics so that they can teach their subjects together in a coherent and integrated way.

Again developing scientific and technological awareness for all has also become a chief objective of AISTA in recent years. In the last year, such awareness programmes have been held in more than twenty different places of West Bengal, under the sponsorship of DST, India and DST, West Bengal. The topic of discussion for these programmes were water preservation, health and nutrition, bio diversity, science for self reliance, use of computers and the like. This year also we are organizing and will organize programmes for the Observance of IYP, 2005, jointly with State Council of Educational Research and Training, West Bengal, in more than twenty different schools of West Bengal.

We are thankful to Prof. N. R. Banerjea, Vice - Chancellor of Bengal Engineering and Science University, and Chairman of the Organizing Committee of this conference, for his sincere endevour and active support in making it a grand success. Thanks are also due to Dr. R.N. De, Director, State Council of Educational Research and Training, West Bengal and Dr. Jayanta Sthanapati, Director, Birla Industrial and Technological Museum, for their co-operation and collaboration. We are also thankful to the authorities of David Hare raining College and 'Pragati', advertisers, media persons, my colleagues and other persons who have immensely helped us in organizing this conference. We request the delegates of other states to enjoy the programmes through lively debate, dialogue and interaction. We have made all sorts of attempts, within our means, to make their stay comfortable. We may please be excused, if we have some lapses.

We look forward to your meaningful participation and continued cooperation so that AISTA can proceed towards fulfillment of its goals and achieve greater and greater success in future.

Long live ASITA Fraternity,

Thank you.

Report of the General Secretary for the year 2004 – 05

M.M. Chel

Respected President, distinguished guests, delegates from different parts of the country, and participants.

It is a great pleasure for me to extend to all of you deep respect, sincere gratitude and warm welcome on behalf of All India Science Teachers' Association (AISTA).

AISTA was formed at Taradebi, Himachal Pradesh, in June, 1956 by science teachers, science – educators and scientist of the country. This is the pre-golden jubilee celebration and 40th Annual Conference.

The activities of the association include organizing seminars, symposia and workshops for teachers and students, Science Talent Search and Aptitude Test (SATST), Quiz, Talks, debates, sit and draw competition for students, publication of news letters, booklets, enrichment materials, journals (Vigyan Shikshak) and holding collaborative programmes with international, National and state level organizations like ICASE, CASTME, NCSTC, SCERT and State Boards of Secondary Education etc.

National Scenario :

The much awaited India Science Report is finally out. It exposes several mismatches between policy and action. The report points out that the enrolment for science degree has actually gone up from 28.8% in 1995 – 96 to 34.6% in 2003 – 04. But the report has alarmed us about the quality of science teaching. While two – third of students of classes 6 to 8 said they were satisfied with the teaching, this figure fell to just 40% in class 11 and 12. There is a drastic decline in enrolment for higher education in natural science, arts and commerce compared to 1995 – 2000. The share of science post graduates, among all the unemployed that have studied upto Masters degree level, is 62.8%.

In 92nd Science Congress, 2005, the Hon'ble Prime Minister of India, Dr. Manmohan Singh, has assured to improve the quality of teaching and increase the enrollment of students in science at school level. Since it is found that intellectual and technological capability is being concentrated only in a small part of the population, every effort should be made to attract and retain capable people.

There is a missing link in National Curriculum Framework 2005 and it is evident that 'radical change with school curriculum without changing the central reality of teachers in Indian classrooms can do little to alter educational processes and outcomes'.

Report of the last annual conference

The 39th Annual Conference of AISTA was held at Women's Training College, North of Gandhi Moidan, Patna – 800001 from 26th December to 28th December, 04. The reports of the conference along with recommendations have been published in 'Vigyan Shikshak'. We are thankful to the organizing committee of Bihar for making the conference a grand success.

The focal theme of the onference was 'Scientific and Technological Awareness (STA) for All'. Professor J. N. Chatterjea, DSC, FNA, Emenitus Professor, Patna University delivered the inaugural address and talkd on the topic 'A Good Teacher is an Asset of the Society.' Professor VinayKumar Kantha, a scientist and an eminent educationist talked on 'The New Perspectives of Science Educations' and discussed on the focal theme of the conference. Sm Vijay Prakash, I.A.S., Secretary Primary and Adult Education, Bihar, delivered the Chief Guest's Address. Professor Rajmani Prasad Sinha, Vice Chancellor of LNMU, Darbhanga, gave his illuminating

speech on the occasion. After the presentation of the General Secretary's report by M.M. Chel, Dr. S.N. Giri, president, AISTA gave his inspiring presidential address.

Joshi Memorial Lecture was delivered by Professor R. P. Singh, Patron of AISTA on 'Dr A. C. Joshi was a Repository of All Human Values". Prof Amitabh Ghosh, Director, Bihar Council of Science and Technology and Indira Gandhi Planetarium, Patna asked the students to be aware of the development of science and technology. Others dignitaries who took part in the deliberations were the following. Dr. Vijay Krishna, Ex- D. G. Botanical Survey of India, Sm Basudeo Singh, Hon'ble M.L. C., Professor Rajmani Prasad Sinha, Vice Chancellor of L. N. Mithila University, Prof. Ramji Prasad Singh, educationist, Mrs. Mridula Prakash, Director, School of Creative Learning, Patna, Prof. Daisy Naraian, social scientist, women's college P.U., Prof. (Dr.) Saroj Bala Sinha, Principal, Dr. (Mrs.) Chanchala Kumari, Principal; Sri Naveen Verma, IAS, Secretary, Secondary and Higher Edu., Govt. of Bihar; Sri Rabindra Prasad Sinha, organizing Secretary and others.

In the presentation sessions, different speakers placed their research based papers mainly on the focal theme of the conference.

AISTA activities at a glance

i) We are conducting Science Aptitude and Talent Search Test (SATST) for all students of CBSE and ICSE syllabus.

   Owing to some communication gap, the activities of different state chapters could not be documented properly. The activities of State Chapters of West Bengal, Bihar and Maharastra deserve special mention.

ii) Two of our members presented their papers in *epi*STEME – I held at Goa on 13-17 Dec, 2004 organised by Homi Bhaba Centre for Science Education TIFR, Mumbai.

iii) Our members participated actively in two seminars held in Mumbai and Delhi conducted by NCSTC – Network, India.

iv) In different centres student programmes were organized for science - awareness- activities, like hand on experiments, science exhibitions; dissemination of scientific concepts through dance - drama competition.

v) 'Year of Physics' is being observed in different schools in collaboration with State Council of Educational Research and Training, West Bengal.

vi) Some of the members of our association are entrusted in training school and degree level curriculum in science and mathematics Under Board of Secondary Education,Netaji Subhas Open University, Rabindra Mukta Vidyalaya, Distance Education Centre etc.

vii) We have published the journals 'Vigyan Shikshak' for the year 2004 – 05.

It is clear from the audited report of the statement of accounts that the condition of our financial situation is quite unsatisfactory.

The focal theme of the conference is 'Improvement of Teaching Physical Sciences" the sub-themes are 1) Frontiers of physical science education, 2) Process of content development, 3) Pedagogical issues, 4) Interdisciplinary approaches of teaching and 5) Process of evaluation.

It is expected that eminent speakers, science teachers and teacher educators will deliberate on the theme from different angles. We hope that the outcome of the conference would shed extra light on the process of curriculum development in science education.

Proposed Paper Presentation

No. 1 : Using the Kitchen as a Resource for Teaching and Learning Science

– Sudipta Ghose*

Introduction: The quest for finding the perfect way to teach and learn science continues. Developmental psychologists have propounded that for children, especially for those who are as yet not quite capable of abstractions, the best way of learning science would be by doing, i.e. by hands-on activities and experimentation. This at once raises the question of providing properly equipped laboratories in all schools and all classes. Although highly desirable, such a situation is unthinkable in a country like India where it has not yet been possible to ensure that there are enough schools for all children or even to provide the requisite infrastructure in the existing schools. Provision of hands-on activities and experiments in sophisticated laboratories will remain a distant dream for a long time, at least in India. Nor is it essential. Indeed in our hankering for facilities, we often ignore other possibilities. The spirit of science cannot necessarily be obtained from gleaming laboratories stocked with glittering apparatus and rows of bottles of chemicals. It has to be learned and internalized from everyday materials and experiences, right from the grassroots. The message of this article is that the most common materials and activities may be exploited for learning valuable lessons in science; and that often the simplest experiences may produce the most profound learning.

The kitchen as a lab: The kitchen is an area, which exists, in some form or the other, almost everywhere: in the home, the school canteen, the restaurant and indeed even on the pavement. It is teeming with activities and processes from the realm of the physical sciences as well as the biological sciences. It is hard to imagine a child not having visited a kitchen and not having witnessed many of these activities. Even if one has, it is not hard to replicate them either in the school or in the home.

This rich practical knowledge can be used as a springboard for the teaching of science. A teaching-learning process may be designed around phenomena and experiences the child is either already familiar with or can be provided with at low costs, easy availability and without long sessions of preparations.

Kitchen science: Every activity and experience in the kitchen may be categorized in an area of science (arrangement of storing ingredients – ordering and classification; cleaning activities – solubility, hard and soft water, detergents, germs, contamination etc; stove – types of fuels, their efficiency, hot and cold air, smoke, etc; refrigerator – cooling processes, preservation of degradable matter, states of matter; pressure cooker – relation between pressure and temperature; vessels – types of metals, their properties) and many processes may have multiple and complex lessons to be learnt (analysis of cooking processes like softening of vegetables by prolonged boiling, steaming, baking, etc., kneading flour, making of *rotis*, making tea, yogurt; mixing of ingredients etc) and may demand levels of comprehension that range from elementary to higher levels.

Advantageous alternative curriculum: It is possible to device an alternative curriculum using kitchen activities and experiences in such a way that the learners take a critical look at and ask

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* *Department of Education, S.P.M.College, University of Delhi, New-Delhi*

analytical questions about them. Such a curriculum will instruct and excite the inquisitive minds of youngsters and bring the excitement of active science discovery in their daily lives. Science will be learnt and understood in spite of economic and other constraints. Teaching will become more practical, students will learn to be investigators and find application of principles without enormous burden for the teachers. Learning by doing will be accessible even when the conditions for teaching are not conducive. Memorizing without understanding will cease and the path from simple to complex, concrete to abstract smoother.

Conclusion: It may be argued that using kitchen activities and experiences for the teaching and learning of science is an attempt to provide a watered down science education but is in fact a way of interrelating daily life with scientific facts and principles. It is far removed from the persisting method of chalk and talk and may be highly creative and productive. It surmounts structural problems and psychological barriers on the part of teachers and students to introduce and use pedagogic innovations. It will serve the purposes of not only those who wish to pursue a professional career in science, it will perhaps also motivate others to do so and above all, it will equip everyone with enough fundamental knowledge so that they can think critically about the world around them, evaluate various claims and counter claims and make suitable choices.

References:

1.Harlen, Wynne (2001): *Primary Science: Taking the Plunge*. Heinmann

2.Levenson, Elaine (1987): *Teaching Children About Science: Ideas and Activities Every Teacher and Parent can use.* Prentice Hall

3.Martin, David Jerner (2005): *Elementary Science Methods: A constructivist Approach*

4.Nichols, Wendy (1990): *Wonder Science: A Developmentally Appropriate Guide to Hands-on Science for Young Children*. Learning Expo Publishing

5.Pearce, Charles R (1999): *Nurturing Inquiry: Real Science for the Elementary Classroom*

Proposed Paper Presentation

No.2 : **Reconstruction of science education**

– Amit Kumar Jana*

Almost all science teachers are forced to conclude by their experiences that students fail to understand the concept by listening to lectures - no matter how lucid they may be. I would like to prefer a system in which science is learnt, not taught. As a fruitful alternative, I suggest the active involvement of the students, starting with their own experiences, through observation and reasoning, towards knowledge with understanding. According to John Dewey, the leading American educator "all genuine learning comes about through experiences".

* *Sri Aurobindo Institute of Education, Salt Lake, Calcutta*

Report of the Paper Presentation Sessions on the occasion of 39th Annual Conference of AISTA on 27.12.2004 at Patna

The first Sessions of paper presentation was presided over Mrs. Raziya Hussain, Vice President, AISTA. Five papers were presented in this session.

Paper – I : Dr. K.K. De presented his paper on the Topic "Children's alternative concepts about 'FORCE' and techniques of modifying them"

The points highlighted : – Children form alternative concepts about a particular topic depending on scientific differences. ♦ Only moving body can apply force and not stationery body. ♦ Inanimate objects cannot apply force. ♦ We get force as well as energy from food.

Solutions Suggested : Do not resist to text books. ♦ The alternative concepts should be changed or modified by doing thing and showing practically. ♦ Make use of technology.

Paper – II : Mrs. Lily Yadav of Nagpur presented her paper on the topic "Slave of Natural Calamities"

The points highlighted :- Types of natural calamities/disasters ♦ How the man overcome these natural disaster ♦ Use of Technology to control the great loss due to disaster ♦ Man, by the use of technology and science has proved to be the master of Natural Calamities.

Paper –III : Dr. B. Kar presented the paper on topic "Creating Scientific awareness among school children of Raurkela (Orissa)"

The points highlighted : - Objectives about the development of scientific temper, develop rational thinking and logical thinking. ♦ The methodology includes the organization of Science exhibition, National children's science congress, etc.

Paper – IV : Sri Amarendranath Das presented his paper on the topic "Innovative approach in teaching and learning science"

The points highlighted : – Children are not interested in long theories. ♦ We should make teaching innovative so that learning becomes interesting. ♦ Use of simple experiments to explain the complex concepts.

Paper – V : Dr. Subir Sarkar presented his paper on the topic "To raise the scientific awareness among school students"

He emphasised on Uses of practical oriented approach as the children do not prefer the long lectures.

The second session of paper presentation was presided over by Dr. J.C. George.

Paper – I : Dr. Rabindra Nath Yadav presented his paper on the topic " Role of Educational Hosptal in Science"

He emphasized on educational counseling or drop outs and hence included proper findings of distraction of the students from studies. He suggested on remedial measures.

Paper – II : Dr. Santosh Mitra presented his paper on the topic " About science and about Technology"

Extract :- Science is the knowledge about nature that reprents collective efforts, findings, in sights and wisdom of human race. The scientific method originated by Galileo Galilee and Frances Bacon is as follows:

1. Recognise a problem
2. Developing a hypothesis and to predict the consequences of the hypothesis.

3. Performing experiments verifying predictions.
4. Developing a theory.

The right scientific attitude is to believe that in Science nothing is absolute. The theorems of science are not fixed but undergo changes going through stages of redefinetor nd refinement. Science and technology differ from each other. Science deal with discovering evidence and finding out relationship for observable phenomenon in nature. Technology is to serve peopel for modern era and further generation. The promise of technology is to provide us cleaner, healthier world for modern generations as well as further generation. In the changing world, expectations are changing but technology should not be used for destruction of our planet earth.

Paper – III : Sushil Kumar presented his paper on the topic "Method of Presentation in Physics" He emphasized on selection of proper books, containing proper method of presentation in physics.

Paper – IV : Ashok Kumar, Pushpa Jha, K.K.Verma presented this paper on the topic " A study of prevalence of Entamoeba histolytia, Entamoeba coli and Giardia lambia in school going children of Khagaul Municipal Area, Danapur (Patna)

Extract : Due to incrase in Environmen pollution the parasitic infection also inceases in going children to access the effect of Entamoeba hystolytica, Entamoeba coli and Giradia lamblia infection in the school going children of Khagaul Municipal area, Danapur (Patna), single stool samples of 106 subjects(Children) were examined. The incidence of Entamoeba histolytica, Entampoeba coli, Giardia lambila were found to be 10.03%, 10.22% and 8.43% respectively. Entamoeba histolytica is prevalent in tropical and subtropical countries. Prevelance of this parasite varies from 2.33% to 67.9%. Contamination of intestinal protozoan parasites in Danapur is moderate for the presence of safe drinking water supply, good sanitary conditions, the way of life style and little contamination of soil. The variation of result in different places are due to different climatic and environmental variables hygiene, housing condition etc.

Paper – V : Sikha Mukherjee. Kolkata presented her paper on the topic "Use of Bio-technology to develop eco-friendly manure".

Extract: Bio-fertilisers are most effective, eco-friendly and renewable sources of plant nutrient to supplement chemical fertilizers in Green revolution.

Vermitechnology produce good manure by using earthworm and waste material by promoting earthworm density and diversity and maintenance of agro environment waste material are carried by vehicles. Polythene are separated by tools. It is spread in sunlight for predigestion. After mixing cowdung with it, is transferred in u chamber. Earthworm is placed and O_2 supply is maintained from bottom to upper level through pores. After spraying water to maintain moisture level, good manure is developed. Bio manures are used for developing good crop.

Others Topic : Mathematical multiplication + Calculation by Mr. Ramashish Sinha

He discussed about the properly of Pythagorean Triads.

Topic : Mathematics Teaching in Schools by Dr. V. Kath.

Topic : Environmental Awareness for the conservation by National Resources by Dr. Navin Kumar

Topic : Positive approach to create a scientific and technologically developed country by Mr. Minal Kshirsagar.

Report of the Workshop held at Patna Conference on 27.12.2004 at 4.20 p.m. to 8.00 p.m.

Topic: dissemination of scientific and technological awareness among the students and common masses.

All the participants divided into three groups.

i) Group – A for non formal level : Convener – Mr. Santosh Mitra

ii) Group - B for Primary Level : Convener - Mr. Sibendu Dey

iii) Group – C for Secondary Level : Convener – Dr. Kamal Kr. Dey

Each and every member of each group discussed the issue. They exchanged their experience, valuable opinions, and also contradict each other, at the last they came to conclusion and made their valuable recommendations.

Group A : Nonformal science teaching

Members participated in the group discussion:-

1. Ms. Minal N. Kshisagar (Maharastra)
2. Mr. Asim Kumar Biswas (W.B.)
3. Mr. Sayantan Das (W.B.)
4. Dr. Surendra Prasad (Bihar)
5. Mr. Alok Kumar (Bihar)
6. Dr. Pratip Paul (W.B.)
7. Mr. Kanak Kanti Paria (W.B.)
8. Mrs. Binapani Ghosh (W.B.)
9. Mr. S. R. Yadav (Maharastra)
10. Mr. Srimanta Bakshi (W.B.)
11. Mr. Santosh Mitra (W.B.) Convenor,

Suggestions: How to reach people? In villages with the help of *Panchayet* we can organise contacts and gathering.

First we have to encash their previous knowledge. E.g. sunrise, season, tides, eclipses etc. We can organise 'Role Play' method to give the concept of rotation/revolution of Sun-Moon-Earth and eclipses (that can also help removing supporting beliefs)

- Knowledge of the generally used plant products.
- Use of domestic and field wastes.
- School going children learning science could be utilized for convincing them of good food habits, physical exercises / yogas to keep themselves fit as well as preventing minor diseases.
- Women folk could be approach through woman volunteers to practice good hygienic habits, right food, science around them. Ultimately, they could boost the confidence of the women folk.
- Enact dramas on the life works of the Great Scientists e.g. Galileo, Darwin, Newton etc.
- Bright young enthusiastic persons with science background could be picked up to act as volunteers.
- Iradication of bad hygienic habits and superstition should get top priority.
- Happenings of various natural events around us to be pointed e.g. storm, flood, environmental pollution, how to prevent and how to solve some local problems. Peoples' active involvement is necessary.
- People of various trades e.g. fisherman, farmer, carpenter, weaver etc. have their own problems. We could meet them, listen to them and try to solve.
- Providing reasonably safe drinking water to poor villagers can be solved by guiding them make their water filter: Earthen pot having layers of stone, charcoal, sand.
- Low cost "*Sulav Toilet*" can be provided which people can afford to avoid unhyginic habit

of going to field for latrine purpose.

- Women volunteer force can approach and convince poor women folk the importance of good low cost balanced food for expecting mothers so that they can give birth to healthy babies.

Group C : Developing Scientific awareness among secondary level students.

Members participated :-

1. Ram Kumar Chowdhury, (Bihar)
2. Jagat Narain Singh, (Bihar)
3. Sutra Sarathi Kesari, (Bihar)
4. Dr. B. Kar, (Orissa)
5. Dr. Hare Ram Mahto, (Bihar)
6. Gopa Gupta, (W. B.)
7. Debasis Dey, (W. B.)
8. Asim Ray, (W. B.)
9. K. K. De (W. B.), Convener

The topic of discussion was "Development of Science and Technology Awareness through the curriculum of secondary education".

Nine participants – five from Bihar & Orissa and four from W. B. , participated in the discussion. As a parameter of "Awareness" programme, the group unanimously selected the topic "Superstitions and their removal". In the opinion of the group, unless the students or the public become free from dogma, superstition etc. the benefit of the development of science and technology would not reach them. Each of the participants jotted down two superstitions prevailing among the public as also students and suggested the ways and means of removal of such superstition through training in school or public platform. Among the major superstition some way noted as follows:

1. Evil practices of men during lunar or solar eclipses. 2.) Wearing stones on fingers for changing fate. 3.) The belief in the supernatural activities of some crooked sadhus. 4.) Belief in astrology. 5.) Witch craft activities. 6.) Blind belief related to Zodiac sign.

The group believe that by changing curriculum we cannot attain the desired obsectives of removal of superstition. The verbal statement of teacher also cannot help removal of superstition.

The major remedial measure suggested by the group to eradicate the superstition among the students and public are as:

- Popular talks to be organised both in and outside the classroom, and it should be addressed by person of eminence and popularity in the society.
- Demonstration or replication of supernatural activities of "*Sadhubaba*" by the teacher or NGO's.
- Science fairs should be organised so as to inculcate scientific temper among students and masses.
- Publication of different kinds of superstitions through different media and their removal.
- Nature of astronomy and astrology should be clearly defined. Their objectives and origins should be clearly explained.
- Plug points in the syllabus should be identified where discussion on superstition may be undertaken.
- students should be encouraged to undertake experiments activities and project to unveil the nature of superstition and practise scientific life.
- Explanation, logical development of lesson should be emphasized throughout the lesson.
- The baneful effect of superstition on the developing countries and how it contravenes human rights and values should be clearly high lighted.
- The authorisation approaches of teaching should be abandoned at all costs.

Group B : Developing Scientific Awareness among Primary Level Students

Member Participated :-

1. Goutam Kar, (W. B.)
2. Chittaranjan Mondal, (W. B.)
3. Amarendranath Das, (W. B.)
4. Dr. Subir Sarkar, (W. B.)
5. Atiur Rahaman, (W. B.)
6. Mridula Mondal, (W. B.)
7. Sibendu Dey, (W. B.), Convener
8. S. N. Hota, (Orissa)
9. Binoy Kumar, (Bihar)
10. Malati Roy, (Bihar)

Topic : Disseminating Scientific & Technological Awareness among the Primary Children

Objectives:

- To develop logical and scientific attitude to the primary students.
- To develop the power of observation and thinking.
- To know the relationship between human and his environment.
- To develop the capability of problem solving.
- Ability to understand the natural events around us.
- To remove the superstitions from the minds of the students and to develop progressive outlook.
- Curriculum should be actively based on :
  (i) scope of experiments.
  (ii) scope of observation.
- Emphasis should be given on local needs , local resources and their surrounding environment – i.e. the plant and animals, people, natural resources etc.
- First hand knowledge about modern technology such as computer etc.

Methodology

Activities, such as –

- Collecting flora and fauna from the local environment.
- Level the specimen; classify them according to specific characteristics.
- Experiment with simple kits.
- Finding cause and effect relationship.
- Report the result in systematic way.
- Undertake discussions on different topics – related to science awareness programme.

Report of Observance of International Year of Physics, 2005

Ramakrishna Mission Blind Boys' Academy, Narendrapur (W.B.)

The International Year of Physics was observed at Ramakrishna Mission Blind Boys' Academy, Narendrapur, South 24 parganas on December 17, 2005 under the auspices of All India Science Teachers' Association (West Bengal) in collaboration with State Council of Educational Research and Training (West Bengal). Ramakrishna Mission Vidyalaya and Ramakrishna Mission Blind Boys' Academy jointly organised the programme and 93 students from the following schools took part in different competitions on Science (Physics) and Science related matters. Rajpur Vidyanidhi High School, Padmamani Girls' High School, Rajpur, Kamrabad Boys' High School, Kamrabad Girls' High School, Laskarpur Rabindra Vidyapith for Girls, Garia Harimati Devi Uchcha Balika Vidyalaya, Ramakrishna Mission Vidyalaya (Bengali Medium), Ramakrishna Mission Vidyalaya (English Medium.) and Ramakrishna Mission Blind Boys' Academy. The topics for Essay Writing, Poster Painting and Debate were as suggested by A.I.S.T.A. and S.C.E.R.T. Prof. Priyabrata Bose, Education Officer (Retired) of B.I.T.M. acted as the Quiz Master. Dr. H. P. Samaddar, Formerly President, West Bengal Board of Secondary Education inaugurated the day's function and gave away the Prizes to the winners. Dr. K. K. De, Principal, David Hare Training College, Swami Vishwamayanandaji, Assistant Secretary, R. K. Mission Ashrama, Narendrapur, Prof. N. Mitra spoke about the importance of observance of the year. Among others Dr. S. N. Giri, President, All India Science Teachers' Association and Mrs. Sharmistha Bhattacharya, Headmistress, Ananda Ashram Balika Vidyapith, Naktala graced the occasion by their august presence. The whole programme was marked with exuberance and enthusiasm of the young learners to express their knowledge, understanding and views about the role of science in their present and future life.

– Co -ordinator : Sri Sunil Barman Pattanayak
Principal, Blind Boys' Academy
Headmaster, R.K. Mission Vidyalaya

Ananda Ashram Balika Vidyapith : IYP, 2005 was observed on 23rd December, 2005 at Ananda Ashram Balika Vidyapith. The programme was organised jointly by AISTA and SCERT, West Bengal. 12 students from 6 girls' schools of Bansdroni area participated in draming, quiz and talk competitions. Dr. R. N. De, Director, SCERT, SRi Goutam Bhattacharya, Research fellow, and Dr. S. N. Giri, President, AISTA gave talks which encouraged the students and the organisers. Dr. Debabrata Majumdar, Sri Sankar Bandopadhyay and Sri Sankar Patra acted as judges. The quiz programme of class VI was conducted by Smt Piali Majumder, a student class XII. Sri Santosh Mitra, vice president of AISTA conducted the quiz of class VII & VIII. Sm Purabi Dattagupta, General Secretary of AISTA (W.B.) and Headmistress and Teacehrs of neighbouring schools were also present. On the whole the programme was attractive, interesting and useful to the students and teachers.

- Co-ordinator : Sharmistha Bhattacharya.

Ramrick Institution : IYP, 2005 was organised by SCERT W.B. and AISTA W.B. on 24th Dec, 2005. The number of students, number of schools in different classes in respect to different events are given below:

Competition	No. of participating students in different events	no. of schools involved
Drama	38	9
Quiz	61	9
Essay	19	8

All these programmes were extremely successful. Sri Goutam Bhattacharya, Research fellow, SCERT, W.B. Dr. S. N. Giri, Dr. K. K. De and Sm Sarmistha Bhattacharya gave valuable advice to the participating students. Prizes and certificates were finally distributed to the students.

– Co ordinator : Sri Amarendranath Das

Fatepur Balupara High School : Fatepur Balupara High School celebrated the International Year of Physics – 2005 in collaboration with ASITA & SCERT on the eve of epoch – making invention in 1905 of world famous scientist, Albert Einstein on 15th December, 2005. High administrative officials' educationists, professors, teachers and interested students attended the ceremony and took part in the interaction. The D.M. of Dakshin Dinajpur inaugurated the function at 10.30 A.M. followed by an inaugural speech in which he gave emphasis on the need of such functions in nourishing scientific attitude among the students. 120 students from 12 schools in Dakshin Dinajpur competed in Essay contest, Sit and Draw contest, Quiz contest and Extempore speech contest. D.I. of schools also deliberate a valuable speech related to education. A seminar on 'Einstein and International Year of Physics' was also held. Malay Chakraborty, Ex-professor of Balurghat College presented Einstein's contribution in Physics with lucidity. Narayan Biswas honourable Ex-minister, stressed the importance of such functions for all round development of the students. Narayan Bhattacharya, Head-master of the school, summed up saying 'the celebration will enable the teachers and students to quench their thirst for scientific knowledge and build scientific attitude.' Reporter – Narayan Bhattacharya.

– Co-ordintor : Sri Narayan Bhattacharya

David Hare Training College : IYP, 2005 was organised by AISTA under the chairmanship of Dr. Dilip Kr. Chakraborty, Ex-Principal, David Hare Training College, Sri Goutam Bhattacharya, RF, SCERT, S. N. Giri, K. K. De, Samir Chakraborty and others prticipators in the

Forthcoming Celebration of International Year of Physics, 2005

1) **8th January, 2006 at 11.00 a.m. at TaraSundari Balika Vidyabhawan**
   31/3, Narasingha Dutta Road, Kadamtala, Howrah - 711101
   Contact Person : Debasis De, Ph : 94332 18250
2) **12th January, 2006 at 11.15 a.m. at B.T. Road Govt. Sponsored H.S. School,**
   35/2, B. T. Road, Kolkata - 2
   Contact Person : Dr. Pratip Kr. Pal (H.M.) Ph : 2558 6966
3) **13th January, 2006 at 12.00 noon at Nawabgunge High School**
   Ichapur, North 24 Parganas
   Contact Person : Subir Kumar Sarkar, Ph : 2592 9650, 98312 23540 (M)
4) **14th January, 2006 at Jadavpur Vidyapith**
   Jadavpur, Kolkata - 32
   Contact Person : Sri Kanak Kanti Paria, H.M.

Some Photographs showing activities of AISTA






















37th ANNUAL



News cuttings of Conferences of AISTA

■ Staff Reporter

"INDIAN education system is very rigid, has little scope for development of human mind as a instrument of thinking. If this continues science would die in the country", said Dr R Narasimah, director, National Institute of Advanced Studies, Banaglore here on Friday.

He was delivering the inaugural address at the annual conference of All India Science Teachers' Association (AISTA) at the National Environmental Engineering Research Institute (NEERI). The conference is hosted by the Al-Madrasa-Tus-Saifiya-Tul-Burhaniyah.



Dr R Narasiman, Director, NIAS, Bangalore releasing the souvenir and vigyan shikshan news letter at the AISTA conference. Francis Fanthome, chief executive, ICSE and Dr R N Singh director NEERI also seen. (Pic by Satish Raut)

Dr Narasimah said that since schools can't teach everything, they can at least teach how to learn by themselves. 'Our schools and universities have unnecessarily created barriers between different disciplines and teachers need to create a movement to break these barriers', he said.

If a student wishes to change his course of studies by switching from one faculty to other, it is not allowed. Seldom it is thought that subjects like Computational Biology which can revolutionise science should be included in syllabus.

India has immense intellectual potential but it is not valued and if this continues, India would be doomed, he said suggesting that immediate change in policies which will make science education more attractive are needed. 'In West opportunities chase talent while in India talent chases opportunities', he said stressing that more opportunities needed to be created in science. Access to higher education should not be restricted to only well off people.

Since students are more influenced by teachers than syllabus teachers should contribute their bit in doing so, he said.

Dr Narasimah pointed out both quality and quantity science output had decreased during last ten years. India was ahead of all its neighbours in basic sciences 20 years ago but now many countries have surpassed it. 'Routes of scientific revolution which occurred in Europe can be traced in Asia and East but we forget this', he said.

National goals and national policies also have a role in changing science education.

Hence if country invests in promoting scientific temper, science can be done in its real sense, he said. Economic reforms should take care of education and more universities should be created.

Dr R N Singh, director, NEERI in his presidential address stressed that environmental education should be a participatory movement. He said that environmental education for long has remained to be merely a political game. It should address sustainable developmental issues and should be directed towards technologies which would protect ecosystem.

Earlier Raza Hosuma, principal Al-Madrasa-Tus-Saifiya-Tal-Burhaniyah which is hosting the conference gave a welcome address. B G Pitare, founder president of the AISTA explained the relevance of the theme of conference 'Science Education and Sustainable Development'. He said that AISTA was purely a academic organisation and believes in bringing a change in science education with change and developments in science and technology.

Francis Fanthome, Chief Executive, Council for Indian School Certificate Examination (ICSE), Najmuddin Habi, DR S N Giri, president AISTA and R D Shukla, director, science, National Council Education Research and Training (NCERT) were also present on the occasion. Dr R D Kalamkar proposed vote of thanks.

Conference ends

STRATEGIES FOR scientific awareness among rural children were discussed on the concluding day of the 39th annual conference of All-India Science Teachers Association here on Tuesday. Organising secretary Ravindra Prasad Sinha said lack of infrastructure for scientific education, scarcity of laboratories and new methodologies for teaching science were also discussed. Vinay Kanth discussed ways to make mathematics easy, while K K Dev from Kolkata University articulated the methodology of teaching physics in present context. BPSC member Raziya Tabassum released a souvenir on the occasion.

साईंस टीचर्स असोसियेशन का सम्मेलन सम्पन्न

(आज समाचार सेवा)

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EXPRESS NEWS SERVICE
PATIALA, DEC 27

EMINENT educationist and director of the National Institute of Science, Technology and Development Studies Prof Rajesh Kochhar here today flayed the hype over computer education and said too much stress on computer learning was not good for the future of the students.

Delivering his keynote address at the 37th annual conference of All India Science Teachers Association at the State College of Education Auditorium here, Prof Kochhar said learning computers did not mean learning literature. He said the computer programming contracts that India has been soliciting and executing have trivialised the whole education system.

Earlier, the conference was inaugurated by Dr Manmohan Singh, secretary, the Punjab government.

He said though students are keen to take admission in engineering colleges but they do not want to learn basic concepts of engineering rather are attracted by a software degree. So for the benefit of students even the degree colleges have started offering courses in computer skills in place of teaching fundamental concepts. We of our free will are becoming a nation of technobaboos, he added.

Prof Kochhar said the present system of education was favourable for only affluent and the poor were being ignored. He underlined the need for urgent changes in the orientation of the system so that the under-privileged were not deprived of the right to education.

He said education should be interactive and related to practical life experience. Since our system of education was based on text books, the quality of textbooks had to be excellent and these should be written by teachers who are learned and experienced in classroom teaching.

Principal Reena Sofat in her welcome address underlined the need to inculcate scientific temperament in the minds of coming generation.

In his presidential address, S.N. Giri said the recent psychological theories have revolutionised the teaching-learning processes in science. The surprising remark of Bruner that every child can learn any subject if presented in some intelligent and honest form, has changed the approaches of teaching science in schools.

He said in order to save time, energy and resources, creative and problem solving approaches of teaching were being advanced by experts. According to them, the development of inquiry, interrogation and investigation is more important than the acquisition of knowledge through memorisation. Stress should be laid on approaches of activity, self learning, diagnosis. Modern techniques of evaluation are also being implemented for assessment of global and differential ability of science learning.

He said recommendation and action plans should be designed in such a way that the students are able to practice and exercise the direct application of learned principles and laws of science and then develop their ability to apply scientific rules to the solution of problems of every day life.

Vice-principal of the Modern Senior Secondary School, Pratibha Sharma, Dr Kanwarjit Singh, principal State College of Education also spoke on the occasion.

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Some Facts About AISTA

.The proposal to form an Association of science teachers from all over India originated at the All India Seminar on the Teaching of Science in Secondary Schools held at Taradevi, H.P. in June 1956, under the auspices of the All India Council for Secondary Education

Contacts made at Taradevi and the work done there proved so stimulating that before the participants of the Seminar dispersed they decided to have a permanent organisation, which should meet at least once a year in various parts of the countrv Thus the All INDIA Science Teachers Association was born.

Since the first annual Conference held at Gwalior in December 1956, the association has met in different States in the country Aims of the Association are to :

(a) Improve the teaching of science;

(b) Foster research in science education;

(c) Provide an authoritative medium through which opinions of teachers of science may be. expressed on educational matter,-

(d) Afford means of communication among people concerned with science education.

The Association promotes its aims by :

(a) National, state and local branch activities;

(b) Publication of the journal VIGYAN SHIKSHAK in English and other languages;

(c) Maintenance of a central administration;

(d) Co-operation with other bodies responsible for particular aspects of science education such as the NCERT and SCERT;

(e) Interchange of information and close liaison with scientific organizations;

(f) Maintaining liaison with Science Teachers' Organisations in other countries, such as the National Science Teachers' Association U.S.A. The Association for Science Education, U.K., International Council of Association for Science Education (ICASE) and Asian Association for Biology Education (AABE);

(g) Organisation of Study Groups, orkshops, Exhibitions, etc;

Activities :

1. The Association's activities are wholly devoted towards the promotion of science education and are recognised by the National Council of Educational Research and Training. State Councils of Educational Research and Training and several other organisations e.g. the Navodaya Vidyalaya Samiti.
2. The Association holds Annual Conference each year usually towards the end of December, in different cities of the country Krishanan Memorial Lecture and Joshi Memorial Lecture are delivered by distinguished scientists and educationists every year Teaching and science films are also screened.
3. Regional activities are organized by branches. The scale of these is increasing each year. Some State branches organise state level conferences, lecture demonstrations series, science quiz contests, science fairs, science aptitude and talent tests
4. An Asian Regional Seminar on Integrated Environment Science was held in New Delhi by the Association in 1978 in cooperation with UNESCO and 1CASE. About ten Asian countries participated and a report was prepared. This report has been noted by several U.N. agencies and National Environmental Associations of different countries.

5. An Asian Symposium on Biology Education was organised in December 1988, in cooperation with ICASE, UNESCO and AABE
6. The Association presented papers to Asian Regional Seminars on low-cost science equipment held in Phillipines in 1979 and out-of school science activities held in Singapore in 1980.
7. Many members of the Association are engaged in conducting research studies on various problems of Science Education
8. The Association is a founder member of ICASE and participates in its activities. Shri B.G. Pitre, Ex President of AISTA was the Chairman of the Council for one term, 1976-79.
9. The Association operates through an Executive Council on which each State and branch association with a membership of more than 50 are represented. Publications:

The VIGYAN-SHIKSHAK first published in March 1957, is the official journal of the Association. It has a nation wide circulation. The Association published a survey of MATHEMATICS AND SCIENCE EDUCATION IN INDIAN SCHOOLS IN 1965 The Physics Study Group of the Association has developed a complete curriculum at the upper elementary level, including texts kits etc.

Annual Conferences

Conference	Year	Place	Conference	Year	Place
First	1956	Gwalior	Twenty first	1977	Srinagar
Second	1957	Madras	Twenty second	1978	Trivandrum
Third	1958	Delhi	Twenty third	1979	Patna
Fourth	1959	Jabalpur	Twenty forth	1980	Jabalpur
Firth	1960	Kanpur	Twenty fifth	1981	New Delhi
Sixth	1961	Udaipur	Twenty sixth	1982	Hydrabad
Seventh	1962	Hyderbad	Twenty seventh	1983	Baroda
Eighth	1963	Ahmedabad	Twenty eighth	1985	Jaipur
Ninth	1964	Nagpur	Twenty ninth	1986	Madras
Tenth	1965	Patna	Thirtieth	1987	Bharwari, U.P.
Eleventh	1966	Poona	Thirty first	1988	New Delhi
Twelfth	1967	Gauhati	Thirty second	1989	Mysore
Thirteenth	1968	Ambala Cantt.	Thirty third	1991	Jaipur
Fourteenth	1969	Bangalore	Thirty fourth	1993	Dehra Dun
Fifteenth	1970	New Delhi	Thirty fifth	1998	Ajmer
Sixteenth	1972	Bhubaneswar	Thirty sixth	1999	Calcutta
Seventeenth	1973	Madras	Thirty seventh	2000	Patiala
Eighteenth	1974	Amritsar	Thirty eighth	2002	Nagpur
Nineteenth	1975	Calcutta	Thirty ninth	2004	Patna
Twentieth	1976	Agra	Fortyth	2005	Kolkata

40th Annual Conference of AISTA

Sub-Committees

Finance:

1. Sri Amarendra Nath Das
2. Sri Bimal Kumar Das
3. Sri Pratip Kumar Pal
4. Smt. Shila Sen
5. Smt. Gopa Gupta

Programme:

1. Smt. Purabi Duttagupta
2. Sri Asit Kumar Das
3. Smt. Sharmistha Bhattacharya
4. Sri Debabrata Majumder
5. Smt. Shikha Mukherjee

Souvenir:

1. Sri Goutam Kumar Kar
2. Sri Asit Kumar Das
3. Sri Subir Kumar Sarkar
4. Smt. Shikha Mukherjee
5. Smt. Swapna Chakraborty
6. Sri Rabin Kumar Roy
7. Smt. Gopa Gupta

Magazine:

1. Sri Debabrata Majumder
2. Sri Asit Kumar Das
3. Sri Nikhilesh Mitra

Exihibition/Dias/Cultural Programme:

1. Sri Santosh Mitra
2. Smt. Sikha Mukherjee
3. Smt. Shila Sen
4. Smt. Binapani Ghosh
5. Smt. Subhra Mukherjee
6. Smt. Sharmistha Bhattacharya
7. Swapna Chakraborty

Registration:

1. Sri Samar Bhattacharya
2. Sri Santosh Tola
3. Smt. Jayanti Bhattacharya

Refreshments/Lunch:

1. Sri Banabehari Patra
2. Sri Swapan Kumar Pal
3. Sri A. N. Das

Transport & City Visit :

1. Sri Debasish Dey
2. Sri Banabehari Patra
3. Smt. Binapani Ghosh
4. Smt. Subhra Mukherjee

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1. Mr. M. A. Siddiqui
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2. Principal
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OUT OF INDIA

1. Dr. Hol Brook, Secretary, ICASE
International Council of Association for Science Education, P.O. Box - 56138
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N.B. - If any life member finds that his name is missing in the list, he may please contact us.

WEST BENGAL

1. Dr. Indrajit Kar
5/2A, Michael Dutta Road
Kidderpore, Kolkata - 23

2. Smt. Bela Ghosh
98, Beltala Road, Kolkata - 26

3. Dr. Satyendra Nath Giri
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4. Sri Sachindranath Giri
Rangabelia High School
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24Parganas (S)

5. Dr. Amal Kumar Chatterjee
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6. Prof. Sanat Kumar Ghosh
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7. Dr. Asit Kumar Das, Secretary,
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8. Dr. Kamal Krishna De
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9. Prof. Pramathanath Patra,
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10. Sm. Aparna Roy
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11. Sm. Sipra Sinha
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12. Dr. Gopesh Kumar Dutta,
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14. Dr. Amulya Bhusan Chakraborty
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15. Dr. Ashim Kumar Mukhopadhyay
28/4/2/1 B, Sree Mohan lane,
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16. Sri Monoj Dutta
18B/1 C, Tamer lane, Kolkata - 9

17. Sm. Bijan Roy
43D, Balaram Bose 1st lane
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18. Sri Madhusudan Bhowmick
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19. Sm. Tapati Sen
16G. Dover lane, Kolkaa - 29

20. Dr. Jyoti Prakash Ghosh,
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21. Dr. Ashok Kumar Ganguly
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22. Sm. Jyotsna Bhattacharya
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23. Sri Purnendu Salui
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90/2 Kali Kundu Lane, Flat - 4C,
3rd floor, Howrah - 1

24. Sm. Sujata Gupta
4/81, Chanditala lane
Kolkata - 40

25. Dr. Sm. Santi Ghose
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Kolkata -14

26. Md. Abdus Salam
P.P.D. High School
PO. Panduk, Dist. Burdwan

27. Prof. Kalidas Hazra
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Kol-19

28. Sri Pranab Kumar pradhan
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32. Dr. Atul Krishna Mandai
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33. Dr. Rathindranath Dey
Director, SCERT
25/3, Ballygunge Circular Road
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34. Sm. Anuradha Majumder

Brahmo Balika Sikshalaya
294, A.P.C. Road, Kolkata - 9
35. Dr. Tapati Bose
171/1A, Rashbehari Avenue
Kolkata - 29
36. Dr. Narayan Ghosh
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Roy Bahadur Satish Mukherjee
Road, P.O. & Dist. Hooghly
37. Sri Sibnath Sadhukhan
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38. Sri Uday Chand Kundu
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Burdwan-713130
39. Sri Jyotiswar Chatterjee
SA Vidyapith, Debagram,
Dist. Nadia
40. Dr. Dilip Kumar Sarkar
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Kolkata - 27
41. Sri Nikhilesh Mitra
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4/6, Kabi Sukanta Lane,
Kolkata - 75, Ph.: 2412-0530
42. Sri Partha Sarathi De
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'Prantik'
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Via. Mahestata, Dist. 24 Pgs.
Pin : 743352
43. Sri Ashim Kumar Roy
Vill. & P.O. Mathurapur
Dist. 24 Parganas (South)
44. Prof. Pijush Kumar Das
New Ukil Para, P.O. Raiganj
Dist. West Dinajpur
45. Sri Monoj Kumar patra
Kalinagar High School (H.S.)
P.O. Kalinagarhat, North 24
Parganas
46. Dr. A. K. Sinha
Abhyuday Housing Complex, Calcutta
Tea Project, Phase - IV, Flat B23/1,
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47. Sri Gadadhar Naskar
Ghatakpukur High School
P.O. B.Gobindapur, Dist. 24 Pgs. (S)
48. Sm. Krishna Bose
C/o. Sri Pabitramaya Bose
Raja Ram Chandra Ghat Road
Panihati, 24 Paraganas (N)
49. Dr. D.P. Bhattacharya
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51. Sri Suchitra Bimal Ghosh
225, Purbaloke, 11th Street.
Kalikapur, Kolkata - 99
52. Sri Sirsendu Das
Vill. & P.O. Balyagobindapur
Dist. Midnapore
53. Sri Anil Kumar Gayen
25/4, Sitanath Bose Lane
Salkia, Howrah - 711 106
54. Sri Bimal Kumar Das
Chatra Kunja Rani Bani Bhavan
P.O. Ramtarakhat, Dist. Midnapore
55. Sri Amarendra Nath Das
9B, Roypara Bye Lane, Kolkata- 50
56. Sm. Purabi Dutta Gupta
5, Bijoy Mukherjee Lane, Kolkata-25
57. Sm. Kalpana Bhanja
St. John Diocessan Girls High
School 17, Sarat Bose Road,
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Res : 26/1D, Sashibhusan De Street
Flat No. 21, Kolkata - 12
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Chandinagar, P.O. Haripal,
Dist. Hooghly
60. Sri Ajit Kumar Sahoo
Deriachak Sri Aurobinda Vidyamath
P.O. Deriachak, Midnapore (East)
61. Dr. Santosh Kumar Ghorui
Khudiramnagar,
P.O. : Midnapore
Dist - Midnapore (West)
62. Sri Swapan Kumar Banerjee
Kalinagar High School
P.O. Kalinagarhat, 24 Parganas (N)
63. Sri Anup Chakraborty
Raghunathganj High School
P.O. Raghunathganj, Murshidabad
64. Sri Manab Basu
N.B.C. Bap. High School
Dist. North 24 Parganas
65. Sri Sujit Roy
54/1/4, Hazra Road, Kolkata - 19
66. Sri Sukesh Chakraborty
Vill + P.O. Kamrabad, Sonarpur,
Dist - 24 Parganas (South)
67. Sm. Arundhati Mukherjee
8/3A, Nepal Bhattacharya 1st Lane
Kolkata - 26
68. Sri Anil Kumar Mandal
Kanakshali, Nandipara, Chinsura,
Dist. Hooghly
69. Sri Kritwibas Pati
Kharagpur Traffic High School
P.O.: Kharagpur, Midnapore
70. Sri Harisankar Mallick
(National Teacher)
Mirchoba, Sripalli, Burdwan

71. Sm. Saila Mullick
Viil. & P.O. Darsole, Dist. Bankura

72. Prof. Tapash Kr. Mitra
20, Ganesh Chatterjee Lane
Howrah - 711 102

73. Sri Abhoy Kr. Parui
Belsingha Sikshayatan
P.O. Sahararhat, Dist. 24 Parganas

74. Sri Samit Kr. Nath
C/o. Sri Sunil Kr. Nath, Harisevapara
P.O. Katwa, Dist. Burdwan

75. Sri Amiya Kumar Chatterjee
545, Rabindranath Tagore Road
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76. Sri Sukumar Maity
Khukurdaha I.C.M.M. High School
P.O. Khukurdaha, Midnapore

77. Sri Alokesh Chaulya
Dakshin Kashinagar High School
P.O. Dakshin Kashinagar
Dist. South 24 Parganas

78. Sm. Ila Das
Suptd. (B.Ed) Hostel, Hastings
House Alipore, Kolkata - 27

79. Sm. Bijaya Naha
Beltala Girls' High School
17, Beltala Road, Kolkata - 25

80. Dr. Kartick Kumar Kundu
108, Joykrishna Street
P.O. Uttarpara, Dist. Hooghly.

81. Sri Krishnapada Chhaule
Udang High School (H.S.)
Viil.&P.O. Udang, Howrah-711 401

82. Syed Nurus Salam
Vill. Belbandi, P.O. Paharpur
Via Indas, Dist. Bankura

83. Sri Pijus Kanti Chakraborty
Belur High School, P.O. Belurmath
Dist. Howrah

84. Sri Bimalendranath Chakraborty
Viil. Nabasan, P.O. Goghat
Dist. Hooghly

85. Sri Apurba Banerjee
R. K. Mission Siksha Mandir
P.O. Belurmath, Dist. Howrah.

86. Dr. Bipattaran Nayak
Vill. Paschimpara, P.O. Patigram
Burdwan, Pin - 713 128

87. Sri Bikash Kanti Samanta
10, Biswaspara Lane, Ranaghat,
Nadia

88. Sri Chittaranjan Maity
Bhimeswari Uchcha Sikshayatan
P.O. Bhimeswari Bazar,
Dist. Midnapore (East)

89. Sri Saktipada maity
Mawa Iswar Chandra High School
P.O. Barachu P.S. Kharagpur,
West Midnapore - 721 301

90. Sri Tulshi Das Bhattacharya
Hooghly Branch Govt. School
P.O. & Dist. Hooghly, Pin-712 103

91. Sri Sailendra Mohan Biswas
Bandel Vidyamandir, P.O. Bandel
Dist. Hooghly

92. Sri Bimal Sengupta
D.V.C., D.T.P.S. (H.S.) School
Durgapur-713 207, Dist. Burdwan

93. Sri Bijan Kumar Panda
Guniada High School
P.O. Guniada, Dist. Bankura,
Pin-722101

94. Sri Nimai Chand Maiti
C/o. Ahad Baksh
3B, Mominpur Road, 1 st Floor
Kolkata-23, Phone : 2448-3235
Res: Vill. & P.O. Daspur,
Dist. West Midnapore - 721 211
Phone: 953225-254109

95. Sri Samarnath Chakraborty
Bokhara, H.J.A., Vidyapith
Dist. Murshidabad

96. Samiat Ali Saikh
Saikh Dighi High School
Dist. Murshidabad

97. Sm. Ranu Sen
WIB (M), 18/5, Golf Green Urban
Complex, Ph-II, Kolkata - 45

98. Sri Mrinmoy Kanti Guha
Siksha Samsad (Block Youth
Office) P.O. Debagram, Nadia

99. Sm. Sibani Sen
170, Garia Gardens, Kolkata - 84

100. Sm. Bandana Sengupta
90/2/2, Moor Avenue, Kolkata - 40

101. Sri Satya Sadhan Ghosh
Hooghly (Branch) Govt. School
P.O. & Dist. Hooghly

102. Sri Pannalal Purakait
Hooghly Collegiate School
P.O. Chinsurah, Hooghly.

103. Dr. Subir Kumar Sarkar
Headmaster, Nawabganj High School
S.B. Road, Kalitala,
P.O. : Ichhapur Nawabganj,
Dist. North 24 Parganas

104. Sm. Shila Sen
16/2A, Dover Terrace
Kolkata - 19

105. Prof. Anu Dutta
Purnima Apartment, Flat - 3D
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106. Sri Nimai Chandra Saha
Raghunathganj High School
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Dist. Murshidabad

107. Sri Adhir Kumar Mandal
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Dist. Murshidabad.

108. Sri Ranjan Kumar Parui
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109. Dr. Ranjan Ghosh
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110. Sm. Nargis Ahmed
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111. Sri Brindaban Majumder
Parbatipur (Bazarpara),
P.O. Pritinagar P.S. Ranaghat,
Dist. Naida

112. Sri Bikash Kr. Biswas
Duff High School, P.O. Chinsurah
Dist. Hooghly

113. Dr. Debabrata Jana
Teachers Housing Estate
Baghajatin Park, Kolkata - 66

114. Dr. Nabakumar Ghosh
9/A/2, Lenin Sarani,
Serampore, Hooghly - 712 203,

115. Sri Rabin Kumar Roy
6B, Garfa Lane, Sitalamandir,
Kolkata-75

116. Sri Amit Kumar Dey
Mohar B.M. High School
P.O. Mohar, Dist. Midnapore

117. Sri Sukumar Mondal
Res: C/o. Hazarilal Mondal
Basirhat Kacharipara, 24 Pgs. (N)

118. Sri Dilip Kumar Ghosh
Tiljala High School
143, Picnic Garden Road,
Kolkata-39

119. Sm. Dipti Addya
26/1, Sri Gurudas Road,
Kolkata - 11

120. Sri Kiranmoy Dutta
Sandeswartala, P.O. Chinsura,
Dist. Hooghly

121. Sri Monojit Debnath
Kankhuli High School
P.O. Bidhangarh, Kolkata - 66

122. Sm. Niva Das
C/o. Dr. N. Das,
Bairagi Dighi Bye Lane
P.O. & Dist. Coochbehar - 736101

123. Sri Sekhar Ranjan Chowdhury
Hooghly Jyotish Cyhandra Vidyapith
Antarbagan, P.O. Chinsura,
Dist. Hooghly

124. Sri Sadananda Mukherjee
K.D. Institution, P.O. Katwa,
Dist. Burdwan

125. Sri Tapan Kumar Hazra
Chandrapur Central High School
P.O. Chandrapur, Dist. Burdwan
Pin: 713145

126. Sri Mahendranath Bhattacharya
Noapara, P.O. Barasat
Dist. South 24 Parganas

127. Sri Dipak Muhuri
Hooghly Mallickbati Pathsala
P.O. & Dist. Hooghly

128. Sri Subhas Chandra Das
K.K.S.K. Smriti Vidyapith,
P.O. Dhulian, Dist. Murshidabad.

129. Sri Biswanath Basu
32/8/3, Matilal Mallick Lane,
Kol -35

130. Sri Surajit Mandal
Manasadwip R. K. Mission High
School, P.O. Manasadwip, Sagar
Island, Dist. South 24 Parganas

131. Prof. Bibek Ranjan Chatterjee
19A, Shyampukur Lane
Kolkata - 4

132. Prof. Mrs. Shibani Roychowdhury
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133. Prof. Amal Ch. Pal
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North 24 Parganas

134. Sri Jasobanto Mahapatra
Uttarpara Govt. High School
Uttarpara, Hooghly - 712 258

135. Sri Indu Bhusan Roy
Viii. Baikuntapur, P.O. Rajpur
South 24 Parganas

136. Smt. Gayatri Sahu
34, Panchanan Chattejee Lane
Howrah - 711 101

137. Sri Banabehari Kar
Rautmoni R. C. High School
P.O. Rautmoni, P.S. KGP-2,
Midnapore (West)

138. Sri Surajit Ghosh
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139. Sri Madhusudan Mondal
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140. Sri Sarat Kumar Gorai
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141. Sri Ananda Prasad Bhattacharya
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142. Sri Animesh Roy
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Kolkata - 26

143. Sri Tushar Kanti Bhattacharya
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147. Sri Sujit Kumar Kar
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148. Sri Nilanjan Bandyopadhyay
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149. Md. Golam Rasul
W-125, Hazi Ratan Lane,
Kolkata - 18

150. Smt. Manjusree Adhikari
A.I. of School, Kolkata

151. Sri Keshab' Chandra Pradhan
Haripur High Schoool, Midnapore

152. Sri Dipankar Mitra
Adra S. E. Rly. School, Adra,
Purulia

153. Smt. Purabi Dutta
H. M. Bhabikal Sishu Sikshalaya
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Kolkata - 700 004

154. Prof. Dhiraj Kr. Roy
Guskara College, Burdwan

155. Sri Sital Ch. Ghosh
Dihibagnan K. B. Roy H. S.School
Vill. + P.O. Dihibagnan, Hooghly

156. Smt. Gopa Dey
16D, Jagat Roy Chowdhury Road
Kolkata - 8

157. Smt. Mitra Jana
30, Ramakrishna Samadhi Road
L.I.G. Estate, Block - 1
Flat - 24, Kolkata - 54

158. Smt. Kuhu Bhattacharya
1/7B, Khanpur Road, Kolkata - 47

159. Dr. Sailendra Nath Paul
Principal, Serampore Girls College,
Serampore, Hooghly.

160. Prof. Ajit Kr. Biswas
22/1, Bechu Chatterjee Street
Kolkata - 9

161. Smt. Bani Banerjee
13/1, Jaharlal Dutta Lane
Kolkata - 67

162. Smt. Mithu Dey
23A, Gobinda Auddy Road
Kolkata - 700 027

163. Sri Dilip Kumar Ghosh
6/1, Banamali Banerjee Road
Haridebpur, Kolkata - 82

164. Sri Sadhan Kumar Basu
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Block - C, Kolkata - 55

165. Sri Shyam Sundar Pakhira
Natibpur High School
Natibpur, Hooghly

166. Sri Kalyan Kar Roy
Natibpur High School,
Natibpur, Hooghly

167. Dr. Nirmal Kr. Chakrborty,
R.R.R. Mahavidyalaya,
P.O. : Nangulpara, Hoogly

168. Sri Atanu Bhattacharya
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Dihibagnan, Hooghly - 712 613

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Kolkata - 34

172. Sri Alok Kayal
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173. Sri Pranab Kr. Mondal
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174. Dr. A. Choudhury
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175. Dr. Aditi Ghose
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181. Dr. Amalesh Mishra
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Kolkata - 45
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184. Smt. Minatl Ghosh
30, South Park, Kolkata - 75
185. Smt. Sikha Mukherjee
52, Regent Colony, Tollygunge
Kolkata - 40
186. Smt. Tapati Chakraborty
Old Dog Race Course
Govt. Housing Estate
LIG, Flat - 7, Kolkata - 38
187. Dr. (Mrs.) Sreemati Ghosh
174/19A, B. L. Saha Road, Kol - 53
188. Smt. Seema Nayak
14/4, Mahinath Porel Lane, Salkia,
Howrah - 6
189. Sri Narottam Das
Bank of Boroda, Bhowanipur Br.
Kolkata - 25
190. Prof. Sambhunath Sarkar
R.R.R. Mahabidyalaya,
P.O. : Nangulpara, Hooghly,
Res. : Indira Pally, Arambagh,
Hooghly
191. Smt. Anjana Majumdar
Viii + P.O. Dihibagnan
Via. Gourhati, Hooghly - 712613
192. Sri Panchugopal Chakraborty
Dihibagnan K.B.R.H.S. School
Vill + P.O. Dihibagnan
Hooghly - 712613
193. Sri Sajal Kumar Saha
Guskara, P. P. Institution
P.O. Guskara, Dist. Burdwan
194. Sri Kalipada Jana
Barisha High School, Barisha
Behala, Kolkata - 8
195. Dr. Pratip Kr. Paul, Headmaster
B.T. Road Govt. Sponsored High
School, Kolkata - 2
196. Sri Swapan Pal
4C, Shampukur Lane, Kolkata - 4
197. Smt. Gopa Gupta
110/3, Selimpur Road, Dhakuria
Kolkata - 31
198. Smt. Swapna Chakraborty
Tentultala (Near Mandar Cinema)
Garia, Kolkata - 84
199. Sri Manomohan Dey
Dihibagnan, K.B.R. H.S. School
Dihibagnan, Hooghly
200. Sri Goutam Bhattacharya
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201. Sri Ritabrata Roy
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202. Sri Chandra Shekhar Roy
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203. Dr. Gautam Das
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T.S. Sanatan High School (H.S.)
Viil. + P.O. : Sarberia,
P.S. Joynagar 24 Pgs. (S),
Pin - 743 385
Res.: 7/1C, Dover Terrace, Kolkata - 19
Ph. (School) (9118) 43573
205. Dr. Dulal Mukhopadhya
Deptt. of Education,
Kalyani University, Kalyani, Nadia
206. Sri Narayan Chandra Nag
Kashemnagar N.A.J. High School
P.O. Kashemnagar,
Burdwan - 713 128
207. Dr. Bijay Krishna Sarkar
H-47, Baishnabghata-Patuli
Kolkata - 94, Phone: 2462-9884
208. Smt. Purnima Guha
35, Regent Colony
Kolkata - 40, Ph. : 2421-6452
209. Sri Ashok Kumar Saha
Headmaster, Purba Barasat
Adarsha Vidyapith, Kalikapur,
P.O. Barasat, 24 Pgs. (N)
210. Sri Pradip Kr. Chakraborty
426, Jadav Ghosh Road,
Sarsuna, Kolkata - 700 061
Ph. : 2468-2267 (0),2493-0857(R)
211. Sri Avijit Bardhan
50/1 A, Suri lane
Kolkata - 700 014
Phone: 2246-4717
212. Dr. M. H. Engineer
Ex. Director, Bose Institute
93/1, A.P.C.Road, Kolkata-700 009
213. Sri Prasun Kanjilal
16/A, Dhirendra Nath Ghosh Road
1st Floor, Bhowanipore
Kolkata - 700 025,
Ph,: 2455-6063

214. Sri Anirban Majumdar
P.O. Pundibari, Dist. Coach Behar
Pin - 736 165

215. Sri Susanta Kumar Ash
183, Bishnupally, Purba Putiary
Kolkata - 700 093

216. Dr. Amit Kumar Jana
Vidyasagar Sarani
P.O. Midnapur - 721 101
Paschim Medinipur

217. Smt. Pampa Hazra
83, K. N. Sen Road
Kolkata - 700 042, Phone: 2441-2760

218. Sri Sankar Basu Majumdar
1/102, Majajatinagar, P.O. Birati
Kolkata - 51, Phone: 2512-3597

219. Smt. Snigdha Majumdar
BA- 77, Salt lake City
Kolkata - 700 064

220. Sri Maniklal Das
Vill - Jaynagar, P.O. Shyampur
Hooghly - 712410

221. Prof. Indranarayan Mukherjee
R.R.R. Mahavidyalaya College Qrts,
Nangulpara, Hooghly-712 406

222. Md. Abbas, Headmaster
Negum Deshbandhu Vidyamandir
P.O. Simuliadanga, Dist. Hooghly

223. Sri A. K. Gure
Basantabati
P.O. Chuadanga, Dist. Hooghly

224. Sri Madhusudan Acharya
Uttarpara Govt. High School,
P.O. Uttarpara, Hoogly.

225. Sri Manoj Kumar Gupta
11/5/2, Kundu Lane, Kolkata - 25
Phone : 2454 - 7088

226. Sri Chandidas Pal
10/1, Biren Roy Road (East)
Kolkata - 700008

227. Sri Ashis Chatterjee
5/3, Nabin Ch. Das Road,
Kolkata - 700090, Ph. : 2531 0487

228. Smt. Indrani De (Bose)
C/o.-S.K. De, CD 26/3 V.K. Nagar
Durgapur - 10,
Ph. : 0343 - 2501645 (R)
0343 - 2556463 (O)

229. Smt. Arati Maity
Vill+P.O.: Daspur,
Paschim Medinipore - 721211

230. Dr. Malay Kumar Sen
S-6, 14 N.K. Babu Lane,
P.O. : Bhadrakali, Hoogly - 712232
Dept. of Education, University of Calcutta

231. Dr. Rina De
R.R.R. Mahavidyalaya,
P.O.: Nangulpara, Hoogly

232. Sri Laxmikanta Pramanik
25, Uma Charan Bhattacharya Lane
Howrah - 1

233. Mrs. Madhumala Sengupta
Golf Green VII, WBR Flat - 1/5
Kolkata - 95

234. Sri Debasish Dey
St. Barnabas High School
21, Dent Mission Road
Kolkata - 23

235. Dr. Subhasish Guha
1/4B, Madan Boral Lane
Kolkata - 12
Ph : 2236-8114 (R)

236. Dr. Supriya Panja
Flat - G/1, Belgachia Villa,
64A, Belgachia Road, Kolkata - 37
Ph : 2556-5617 (R)

237. Sri Buddha Sengupta
Ashokenagar High School
P.O. + P.S. - Ashokenagar
24 Parganas (North) 743222
Ph : 953216-221313 (O)
Res : 526/8 Ashoknagar,
P.O.- Ashoknagar, 24 Pgs(N)-743222
Ph : 94331 41194

238. Sri Sambhunath Das
Baranagar Victoria High School
83, Kutighat Road,
Kolkata - 36

239. Smt. Suprava Sinha
15B, Puddapukur Road, Kolkata - 20
Ph : 2475-8340

240. Smt. Anuprava Ghosh
Nimta Jibantosh Ghosh Memo. Girls' H.S. School
Res : 9B, Roypara Bye Lane.
Kolkata - 700 050

241. Dr. Rina Dey
R.R.R. Mahavidyalaya
Nagulpara, Hooghly

242. Sri Sayantan Das
Flat - 3D, Kali Sankar Apartment, F-8,
School Road, Sodpur, Kol - 700 110

243. Sri Bhupal Prasad Chakraborty
Haldia Govt. Sponsored H.S. School
Haldia, Midnapore

LIFE INSTITUTION MEMBERS

1. Sudpur High School
P.O. : Sudpur, Katwa, Burdwan

2. Sakhawat Memo. Govt. Girls High School,
17, Lord Sinha Road, Kolkata - 71

With

Best Compliments

From :

DULAL CHAUDHURY

In memory of

Late Anima Bose, Ex General Secretary, All India Science Teachers' Association (W.B. Branch)

– Kakoli Bose

In memory of my father

Late Bilwa Pada Jana, an eminent Freedom Fighter of Midnapore

– Debabrata Jana

In memory of aunt

Late Anita Banerjee

– Arundhati Mukherjee

In loving memory of my parents

Late Gostha Behari Chel
Late Tarakeswari Chel

– Madan Mohan Chel

In sweet memory of my parents

Late Krittibas Giri
Late Maheswari Giri

– Satyendra Nath Giri

In memory of

My loving father Late Hemanta Kumar Das

– Sri Amarendranath Das

39 th Annual Conference (26-28 Dec. 2004, Patna)
(All India Science Teachers' Associations)

(Receipt & Paymant for the Period from 04-10-2004 to 30-06-2005)

RECEIPTS	Amt. (in Rs.)	PAYMENTS	Amt. (in Rs.)
By **Opening Balance**		To Cultural Programme	3,000.00
a) Cash at Bank		To Food/Mess expense	37,038.00
Allahabad Bank (SB–215210)	Nil	To Lodging arrangement expns.	8,757.75
b) Cash in hand	Nil	To Pandal/Decoration expns.	10,511.00
		To Photography expns.	3,300.00
By Delegate Fees(*Refer "Annex–A"*)	12,840.00	To Printing Publication expns.	43,770.00
By Membership Fees(*Refer "Annex–A"*)	3,020.00	To Travelling/Conveyance/Transportation/Vehicle hiring expns.	13,431.00
By Donations/Collections	113,675.00	To Book (150 Pcs.) Distribution	11,250.00
By Bank interest	118.00	To Conference Stationaries distr.	15,000.00
By Books received (by Adhayan Evam Sodh Kendra, Patna) 2,013.00		To Membership Fee to AISTA H.Qr.	
(150 Pcs. Cost @Rs. 75/each)	11,250.00	To Miscellaneous expns.	10,868.00
By Conference stationaries received (by UNICEF, Bihar as below)		To Auditor Fee	826.50
Particulars — Estimated Cost in Rs./each		To **Closing Balance**	
Files 300 Pcs. — 30.00	9,000.00	a) Cash at Bank	
Notes Books 300 Pcs. — 10.00	3,000.00	*Allahabad Bank (SB–215210)*	1,003.00
Pen 300 Pcs. — 10.00	3,000.00	b) Cash in hand	Nil
By Loan from Secretary AISTA, Bihar	4,865.25		
Total	160,768.25	Total	160,768.25

For : ASHUTOSH KUMAR & CO.
Chartered Accountants
S/D
(Ashutosh Kumar)
M. No. – 402498
Proprietor
Date: 01-07-2005
Place: Patna

For: AISTA, Bihar
S/D
(Secretary)

39 th Annual Conference (26-28 Dec. 2004, Patna)
(All India Science Teachers' Associations)

(Income & Expenditure for the Period from 04-10-2004 to 30-06-2005)

EXPENDITURES	Amt. (in RS.)	INCOME	Amt. (in Rs.)
To Cultural Programme	3,000.00	By Delegates Fees (Refer "*Annex–A*")	12,840.00
To Food/Mess Expense	37,038.00	By Membership Fees (Refer "*Annex–A*")	3,020.00
To Lodging arrangement expns.	8,757.75	By Donations/Collections	113,675.00
To Photography expns.	3,300.00	By Bank Interest	118.00
To Printing Publication expns.	43,770.00	**By Excess of Expenditure over Income**	3,862.25
To Travelling/Conveynce/Transportation/Vehicle hiring expns.	13,431.00		
To Membership Fee to AISTA H. Qr.	2,013.00		
To Miscellaneous expns.	10,868.00		
To Auditor Fee	826.50		
TOTAL	133,515.25	TOTAL	133,515.25

For : ASHUTOSH KUMAR & CO.
Chartered Accountants
S/D

(Ashutosh Kumar)
M. No. – 402498
Proprietor

For: AISTA, Bihar

S/D

(Secretary)

Date: 01-07-2005
Place: Patna

ALL INDIA SCIENCE TEACHERS' ASSOCIATION (W.B. BRANCH)
25/1, CHANDRANATH CHATTERJEE STREET, KOLKATA – 700 025
RECEIPT & PAYMENT ACCOUNT FOR THE YEAR ENDED 31st MARCH 2005

RECEIPT	AMOUNT Rs. P.	AMOUNT Rs. P.
To Opening Balance :		
Cash in hand	5.25	
Cash at Bank		
Bank Of Boroda (Bhow. Branch)	57,665.47	
United Bank of India (Lansdown Branch)	69,666.86	
United Bank of India (Bhowanipur Branch)	7,947.01	
Bank of Boroda (Bhow. Branch) B.R. Memorial Fund	3,727.00	
Canara Bank (Bhow. Br.)	1,096.00	1,40,107.59
To Subscription :		
Membership Fees	3,505.00	
Sale of Sample Question Booklet.	20,502.00	
SATST Admission Fees.	1,92,036.00	2,16,043.00
To Bank Interest :		
Bank of Boroda (Bhow. Br.)	1,628.00	
United Bank of India (Lansdown Branch)	2,200.00	
United Bank of India (Bhow Branch)	2,489.00	
Bank of Boroda (Bhow. Branch) B.R. Memorial Fund	81.00	
Canara Bank (Bhow. Branch)	39.00	
Interest On Fixed Deposit (On withdrawl) with Bank of Boroda (Bhow. Br.)	2,014.00	
Interest on Fixed Deposit (on renewal) with Bank of Boroda (Bhow. Br.)	4,242.00	12,693.00
To Other receipts :		
Fixed Deposit Matured	1,00,000.00	
Advance recovered	14,900.00	
Misc. Receipts	1,375.00	
Donation	10,000.00	1,26,275.00
		4,95,118.59

PAYMENTS	AMOUNT Rs. P.	AMOUNT Rs. P.
By : SATST Expenses :		
SATST Printing and Stationary	38,269.00	
SATST Prize distribution Expenses	66,673.00	
SATST Evaluation Expenses	15,325.00	
Misc. SATST Expenses	3,617.00	1,23,884.00
By : Environmental Quiz, Talk & Essay competition expenses.		24,456.00
" Seminar and Meeting expenses.		5,940.00
" Contingency		20,284.85
" Conveyance		6,435.50
" Audit fee (Outstanding liabilities)		6,000.00
" Telephone Charge		2,376.50
" Salary & exgratia		28,900.00
" Postage and Courier		3,289.00
" Printing (Question booklet)		16,852.00
" Printing (General)		13,962.00
" Electric Charge		970.00
" Advance		14,900.00
" Membership fee to central body		3,600.00
" Investment in fixed deposit with Bank of Boroda (Bhow. Branch)		1,04,242.00
with U.B.I. (Bhow. Br.) (Dr. Anandamohan Ghose Memo. Fund)		10,000.00
By : Closing Balance :		
Cash in hand	1,718.40	
Cash at Bank		
Bank of Boroda (Bhowanipur Branch)	30,273.47	
United Bank of India (Lansdown Branch)	61,527.86	
United Bank of India (Bhowanipur Branch)	10,564.01	
Bank of Boroda (Bhowanipur Branch) B.R. Memorial Fund.	3,808.00	
Canara Bank (Bhowanipur Branch)	1,135.00	1,09,026.74
		4,95,118.59

Signed in terms of our report of even date.

For **MITRA DEBMALLIK & CO**

Chartered Accountants

S/D

(M. DEBMALLIK)

Partner

9, K.S. Roy Road
Kolkata – 700 001
Dated : 29.07.2005

ALL INDIA SCIENCE TEACHERS' ASSOCIATION

62E, VIVEKANANDA SARANI, KOLKATA – 700 078

BALANCE SHEET AS AT 31.3.2005

LIABILITIES	AMOUNT Rs. P.	AMOUNT Rs. P.	ASSETS	AMOUNT Rs. P.	AMOUNT Rs. P.
General Fund Account Balance as at 31.03.2004	1,70,873.48		Fixed deposit With Punjab National Bank, New Delhi.		1,03,086.00
Add : Excess of income over expenditure.	7,014.50	1,77,887.98	Cash in hand	46.50	
Joshi Memorial Fund		2,384.00	cash at Bank A/c No – 6174 (Punjab National Bank, Jadavpur Branch)	75,939.21	
A.S. Pillai (For Publication of Vigyan Shikshak)		5,000.00	A/c No.- 1339 (Bank of India, M.C. Ballygunge Branch)	8,270.27	84,255.98
Loan		2,070.00			
Total		**1,87,341.98**	**Total**		**1,87,341.98**

9, K. S. Roy Road
Kolkata – 700 001
Dated : 15th July, 2005

Signed in terms of our report of even date

For MITRA DEBMALLIK & CO.
Chartered Accountants

S/D

(M. DEBMALLIK)
Partner

ALL INDIA SCIENCE TEACHERS' ASSOCIATION
62E, VIVEKANANDA SARANI
KOLKATA – 700 078

INCOME & EXPENDITURE ACCOUNT AS AT 31.03.2005

EXPENDITURE	AMOUNT Rs. P.	INCOME	AMOUNT Rs. P.
To : Misc. Contingency	5,108.00	By : Membership Subcription	9,480.00
" Conveyance	305.50	" SATST Admission Fees	20,879.00
" Printing	14,485.00	" Sale of Sample Questions Booklets	1,200.00
" Postage & Courier	3,740.50	" Donation	26,037.00
" Misc. SATST Expenses	4,469.00	" Interest from Bank (S/B A/c)	2,655.00
" Seminar & Prize distribution	5,100.00	" Grant for observance of YSA 04	30,000.00
" Audit Fee	551.00		
" Membership of CASTME Asia	1,000.00		
" YSA 04 Programme Expenses	48,477.50		
" Excess of income over expenditure	7,014.50		
TOTAL	90,251.00	TOTAL	90,251.00

Note : All Incomes and Expenditure are accounted for on Cash Basis

Signed in terms of our report of even date
For **MITRA DEBMALLIK & CO.**
Chartered Accountants

S/D

9, K.S. Roy Road
Kolkata – 700 001
Dated : 15th July, 2005

(M. DEBMALLIK)
Partner

ALL INDIA SCIENCE TEACHERS' ASSOCIATION

62E, VIVEKANANDA SARANI

RECEIPT & PAYMENT ACCOUNT AS AT 31-3-2005

RECEIPTS	AMOUNT Rs. P.	AMOUNT Rs. P.	PAYMENTS	AMOUNT Rs. P.	AMOUNT Rs. P.
To Opening Balance :			By : Misc. Contingency		5,108.00
Cash in hand	42.50		" Conveyance		305.50
Cash at Bank			" Printing		14,485.00
A/c No. – 6174 (Punjab National Bank Jadavpur Branch)	45,240.21		" Postage & courier		3,740.50
			" Misc. SATST expenses		4,469.00
			" Audit fee		551.00
A/C No. 1339 (Bank of India M.C. Bally. Br.)	29,888.77	75,171.48	" Membership of CASTME Asia		1,000.00
			" Advance		5,500.00
" Membership Subscription		9,480.00	" Loan Repaid		2,700.00
			" Seminar & Prize distribution		5,100.00
" SATST Admission Fees		20,879.00			
			" YSA-04 Programme Expenses		48,477.50
" Sale of sample Question Booklets		1,200.00			
" Donation		26,037.00	" Closing Balance		
" Recovery of Advance		5,500.00	Cash in hand	46.50	
" Grant for observance of YSA-04		30,000.00	Cash in Bank		
			A/c No. - 6174 (Punjab National Bank, Jadavpur Branch)	75,939.21	
" Loan		4,770.00			
" Interest					
A/c No. 6174	1,732.00				
S/B A/c No. 1339	923.00	2,655.00	A/C No. 1339 (Bank of India M.C. Bally. Br)	8,270.27	84,255.98
Total		1,75,692.48	Total		1,75,692.48

Signed in terms of our report of even date

For **MITRA DEBMALLIK & CO**
Chartered Accountants

9, K.S. Roy Road
Kolkata – 700 001
Dated : 15th July, 2005

S/d

(M. DEBMALLIK)
Partner

40th Annual Conference of AISTA

Organising Committee

Chairman	:	**Dr. N.N. Banerjee,** Vice - Chancellor, Bengal Engineering and Science University
Vice Chairman	:	**Dr. R. N. De,** Director, State Council of Educational Research and Training, W.B.
Members	:	**Prof. Sujan Chakraborty,** M.P.
	:	**Dr. Pranab Kr. Choudhuri,** Principal, Hooghly Govt. Trg. College
	:	**Dr. Harendra Nath Bhattacharya,** Secretary, W.B. Govt. College Teachers' Association
	:	**Dr. Saradindu Ray,** Chairman, NCSTC Network
	:	**Dr. Subhasundar Bandopadhyaya,** Presidency College
	:	**Sm Purabi Dattagupta,** General Secretary, AISTA (W.B.)
	:	**Dr. S. N. Giri,** President, AISTA
	:	**Dr. M. M. Chel,** Secretary, AISTA
	:	**Sri Santosh Mitra,** Vice President, AISTA (W.B.)
Co-ordinator	:	**Dr. K. K. De,** Principal, David Hare Trg. College & Working President, AISTA (W.B.)